

# Project Audit

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Project:  
**Manipulate**

May 16, 2022



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**Manipulate**

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# Overview

This audit has been prepared for **Manipulate** to review the main aspects of the project to help investors make an informative decision in the research process.

You will find a a summarized review of the following main key points:

- Contract's source code
- Project and team
- Website
- Social media & online presence

**NOTE: We ONLY consider a project safe if they receive our "Certificate of Trust" NFT. This report only points out any potential red flags found in our analysis. Always do your own research before investing in a project.**

# Smart Contract Review

The contract review process pays special attention to the following:

- Testing the smart contracts against both common and uncommon vulnerabilities
- Assessing the codebase to ensure compliance with current best practices and industry standards.
- Ensuring contract logic meets the specifications and intentions of the client.
- Cross referencing contract structure and implementation against similar smart contracts produced by industry leaders.
- Thorough line-by-line manual review of the entire codebase by industry experts.



*"The results of this audit are purely based on the team's evaluation and does not guarantee nor reflect the projects outcome and goal"*  
– SpyWolf Team

# Smart Contract Summary

Contract Name	CoinToken
Ticker	Manipulate
Contract	0xc1db781057dc836a29c3F4Fd547b4b7Be822274f
Network	Binance smart chain
Language	Solidity
Tax	<b>Buy: 8%</b> <b>Sell: 10%</b>
Total Supply	10,000,000
Status	Not launched

## Current stats

Burn	No burnt tokens
LP Address	0x04B9628c6eE37623b0C727821428CE70111bfE96 <b>14.58% Locked - unlocks at May 31, 2022</b> ⚠️ <b>82.64% held by unverified contract</b> ⚠️
Liquidity	6.35 WETH
MaxTxAmount	No limit

Issues Checking Status	
Design Logic	Passed ✓
Compiler warnings.	Passed ✓
Private user data leaks	Passed ✓
Timestamp dependence	Passed ✓
Integer Overflow and Underflow	Passed ✓
Race conditions and Reentrancy. Cross-function race conditions	Passed ✓
Possible delays in data delivery	Passed ✓
Oracle calls	Passed ✓
Front running	Passed ✓
DoS with Revert	Passed ✓
DoS with block gas limit	Passed ✓
Methods execution permissions	Passed ✓
Economy model	Passed ✓
The impact of the exchange rate on the logic	Passed ✓
Malicious Event log	Passed ✓
Scoping and Declarations	Passed ✓
Uninitialized storage pointers	Passed ✓
Arithmetic accuracy	Passed ✓
Cross-function race conditions	Passed ✓
Safe Zeppelin module	Passed ✓
Fallback function security	Passed ✓

## Featured Wallets

Owner address	0x7feea0f86019def004322b7d712eff7d1a3ddc1a
LP address	0x04B9628c6eE37623b0C727821428CE70111bfE96 <b>14.58% Locked – unlocks at May 31, 2022</b> ⚠️ <b>82.64% held by unverified contract</b> ⚠️

## Top 3 Unlocked Wallets

Wallet 1 (2.86%)	0xcb1ad3e6001ea2826feb08d6e4de5bdc989d2601
Wallet 1 (2.5%)	0x3d02e274acea62a1c188e03863f3c48570ea4c49
Wallet 1 (2.43%)	0x117506b3e4ccc19dd8505a611f99dc29ffc676f2



# Security Threats

⚠ Owner can blacklist address from trade, making it impossible to sell.

```
function enableBlacklist(address account) public onlyOwner {  
    require(!blacklist[account], "CoinToken: Account is already blacklisted");  
    blacklist[account] = true;  
}
```

⚠ Owner can disable trade, making it impossible to sell.

```
function pause() public onlyOwner {  
    require(!paused(), "CoinToken: Contract is already paused");  
    _pause();  
}
```

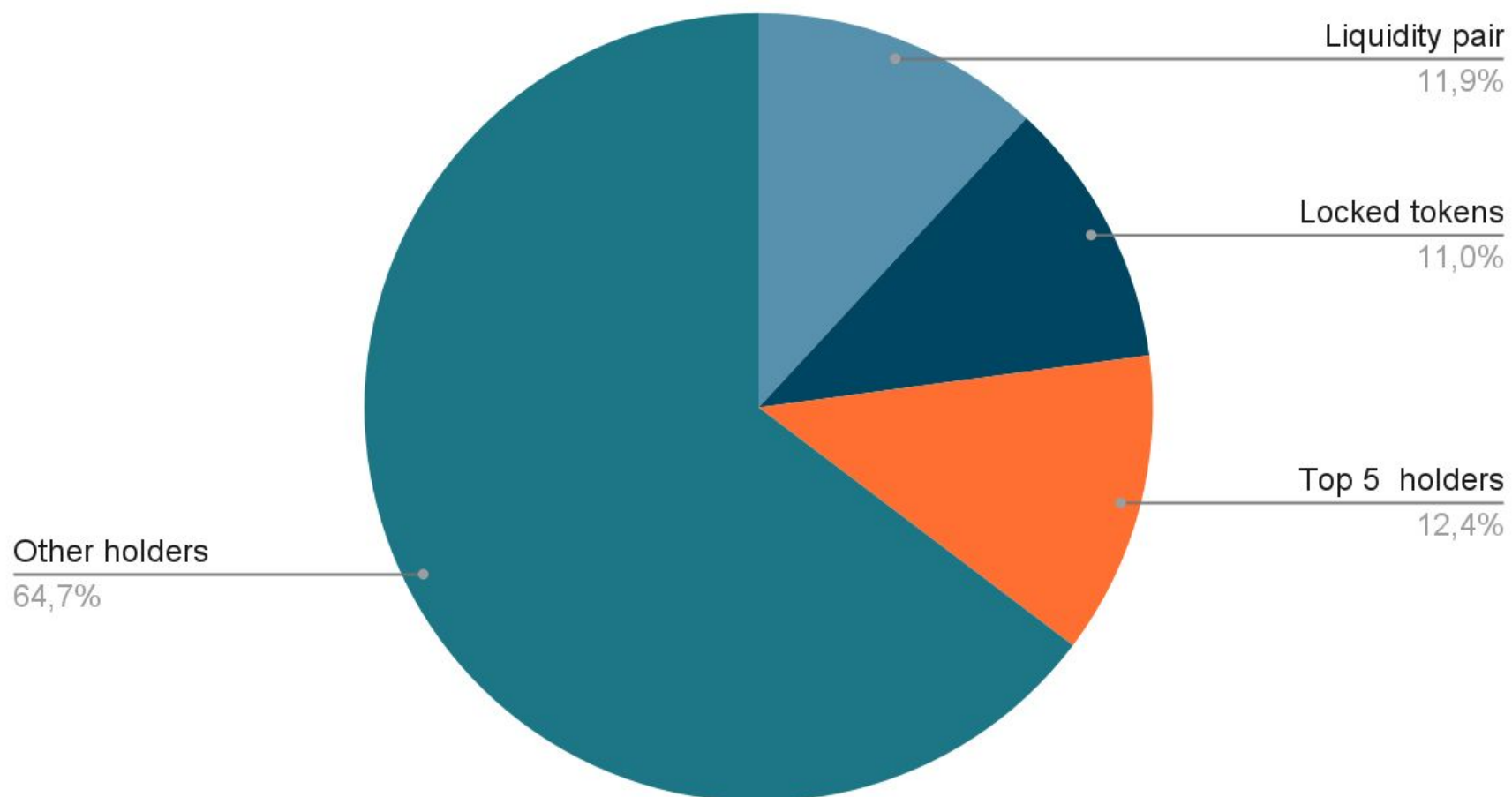
⚠ Owner can change buy/sell fees up to 100%.

```
function setBuyTax(uint256 dev, uint256 marketing,  
uint256 liquidity, uint256 charity) public onlyOwner {  
    buyTaxes["dev"] = dev;  
    buyTaxes["marketing"] = marketing;  
    buyTaxes["liquidity"] = liquidity;  
    buyTaxes["charity"] = charity;  
}  
function setSellTax(uint256 dev, uint256 marketing,  
uint256 liquidity, uint256 charity) public onlyOwner {  
  
    sellTaxes["dev"] = dev;  
    sellTaxes["marketing"] = marketing;  
    sellTaxes["liquidity"] = liquidity;  
    sellTaxes["charity"] = charity;  
}
```

# Tokenomics

## Current state:

### Tokens distribution





# Manipulate Project & Team Review

According to their whitepaper:

Manipulate is developing superior 3D cross compatible NFT assets that are engineered for Metaverse integration, as well as translating into 2D Play-to-Earn game which will be available to every holder & give everyone the option to also earn their other favorite cryptocurrencies just by participating in their platform.

The project will develop as follows:

- Manipulateswap
- Play to earn gamble game
- NFT collection
- NFT game

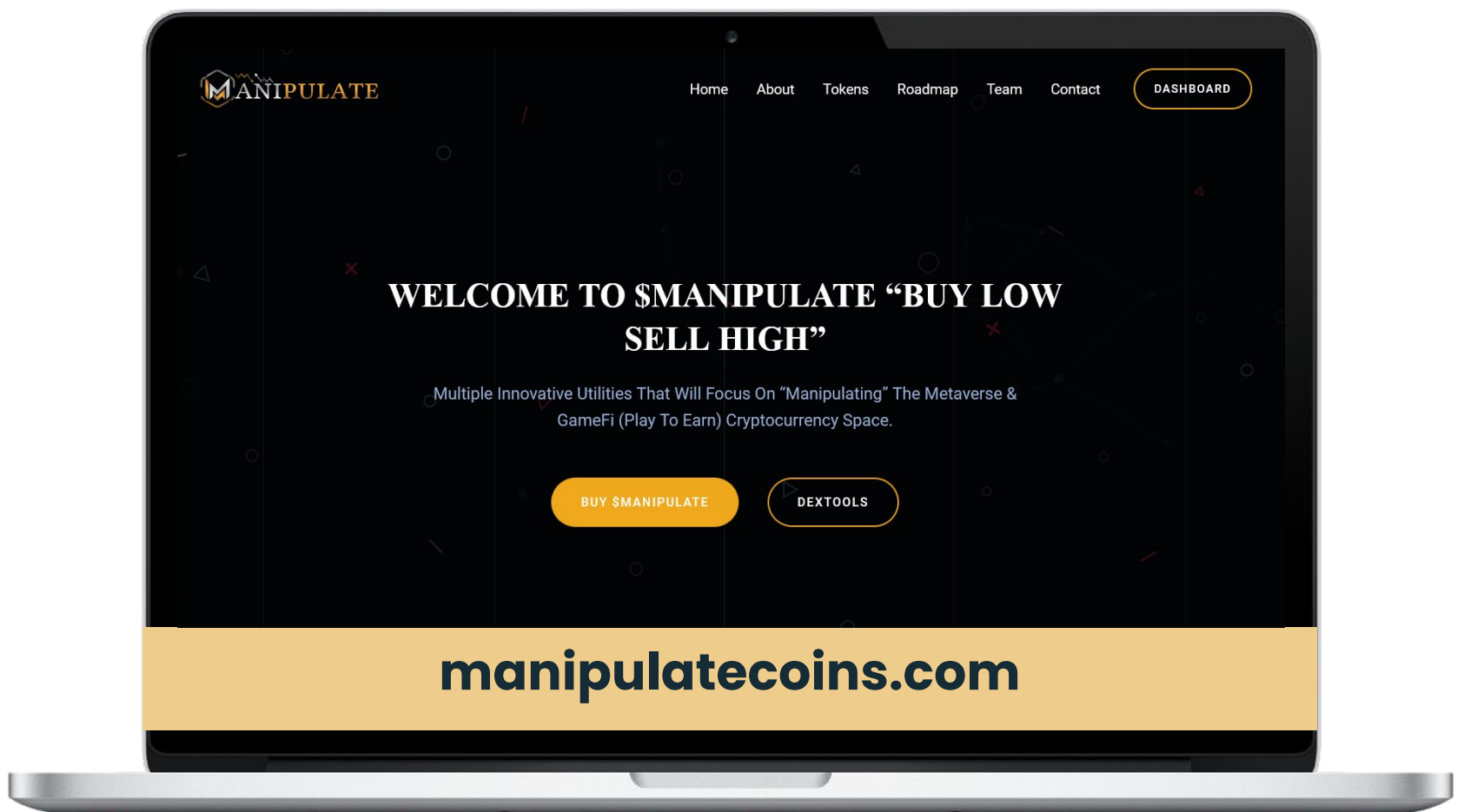
**Team:**

**KYCd by SpyWolf**

# Website Analysis

URL: <https://www.manipulatecoins.com/>

- **Design:** Unique single page design, appropriate color scheme.
- **Content:** Informative, no grammar mistakes.
- **Whitepaper:** Well written and explanatory. There are discrepancies between whitepaper's and website's information. ⚠
- **Roadmap:** Goals set with time frames.
- **Mobile-friendly?** Yes
- **Technical:** SSL certificate present. General SEO check passed.



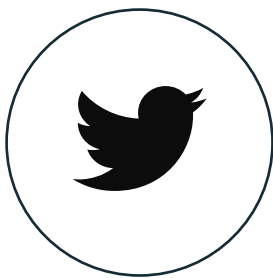
# Social Media & Online Presence



## Telegram

<https://t.me/manipulatecoins>

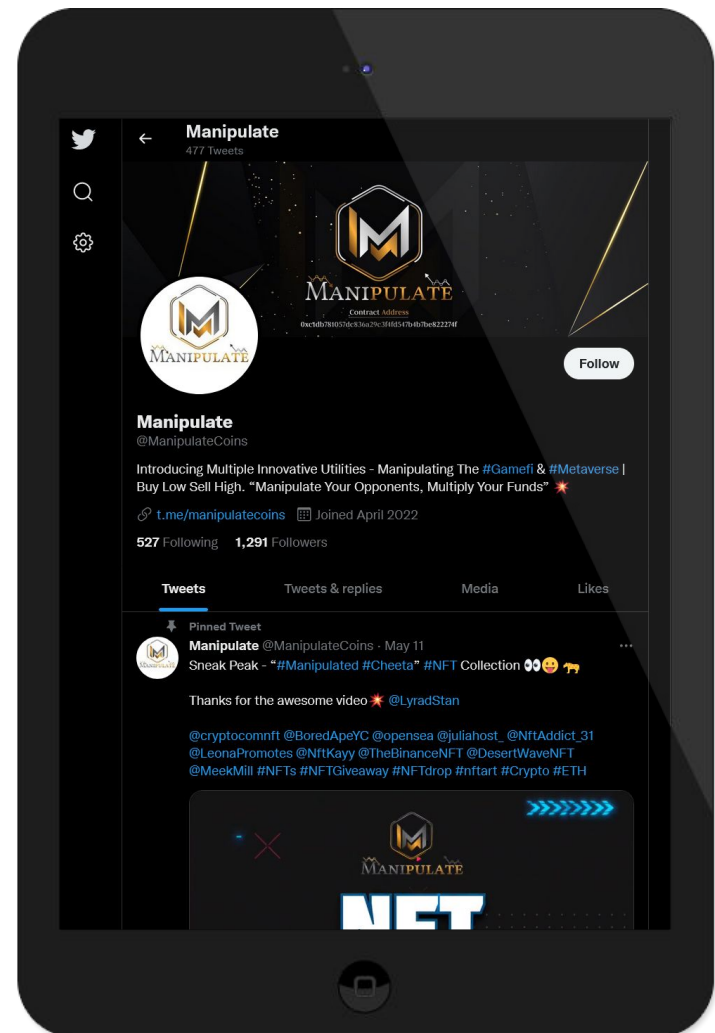
- 625 members,
- Active members
- Active mod



## Twitter

<https://twitter.com/manipulatecoins>

- 1 291 Followers
- Active



# About SpyWolf

SpyWolf is a team of crypto security experts that have been performing full audits for projects for the past months in order to ensure safety on the crypto space. Our goal is to help eliminate monetary fraud through our auditing services and utility token, \$SPY.

- Website: [SpyWolf.co](https://SpyWolf.co)
- Portal: [SpyWolf.network](https://SpyWolf.network)
- Telegram: [@SpyWolfNetwork](https://t.me/SpyWolfNetwork)
- Twitter: [Twitter.com/SpyWolfNetwork](https://twitter.com/SpyWolfNetwork)



(Sample Certificate NFT for those who pass audit)

**If you are interested in finding out more about our audits and Certificate of Trust NFTs, reach out to [contact@spywolf.co](mailto:contact@spywolf.co).**

# Disclaimer

This report shows findings based on our limited project analysis, following good industry practice from the date of this report, in relation to cybersecurity vulnerabilities and issues in the framework and algorithms based on smart contracts, overall social media and website presence and team transparency details of which are set out in this report. In order to get a full view of our analysis, it is crucial for you to read the full report.

While we have done our best in conducting our analysis and producing this report, it is important to note that you should not rely on this report and cannot claim against us on the basis of what it says or doesn't say, or how we produced it, and it is important for you to conduct your own independent investigations before making any decisions. We go into more detail on this in the disclaimer below – please make sure to read it in full.

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No applications were reviewed for security. No product code has been reviewed.